**Figure 1A**



Figure 1B

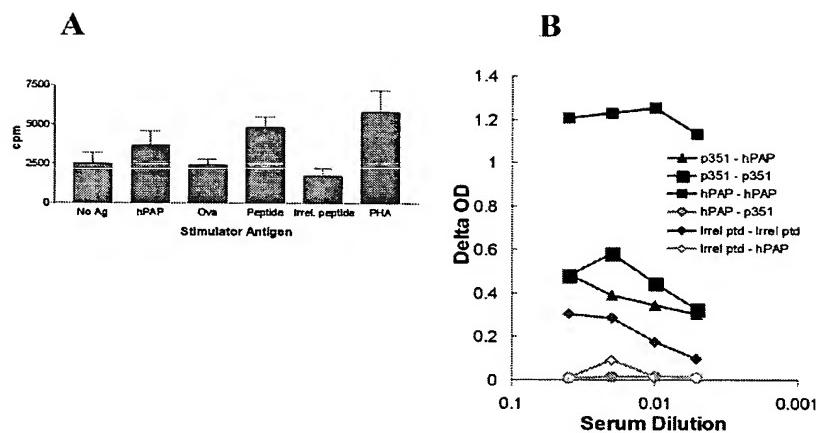


Figure 2

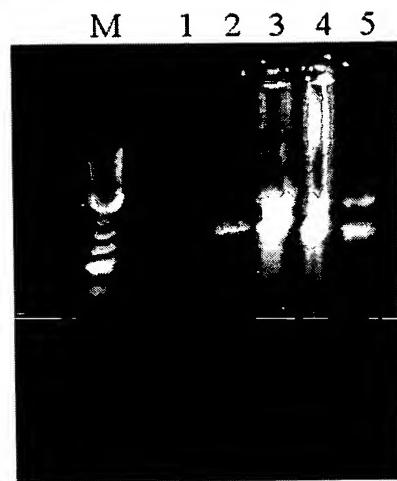


Figure 3

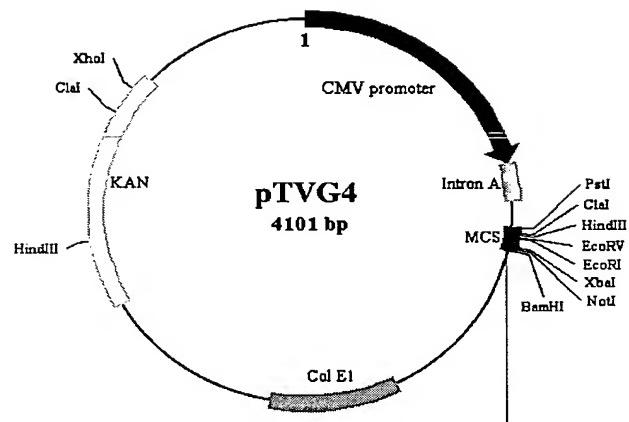


Figure 4

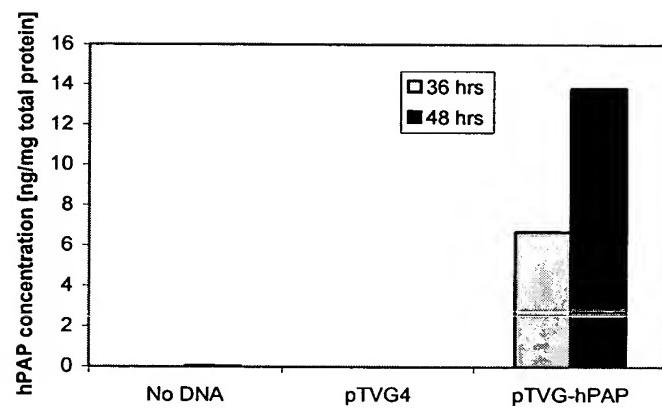


Figure 5

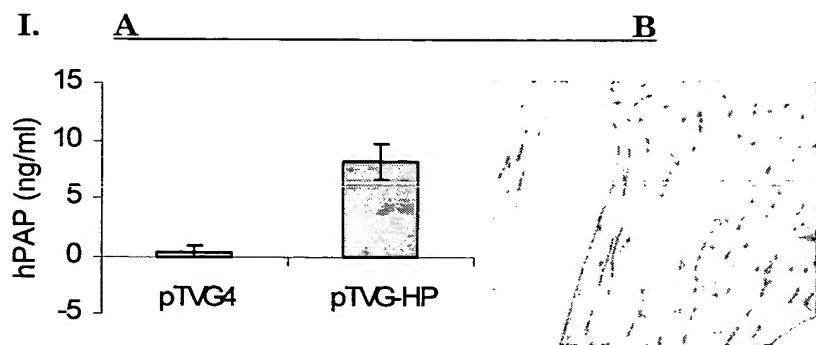


Figure 6

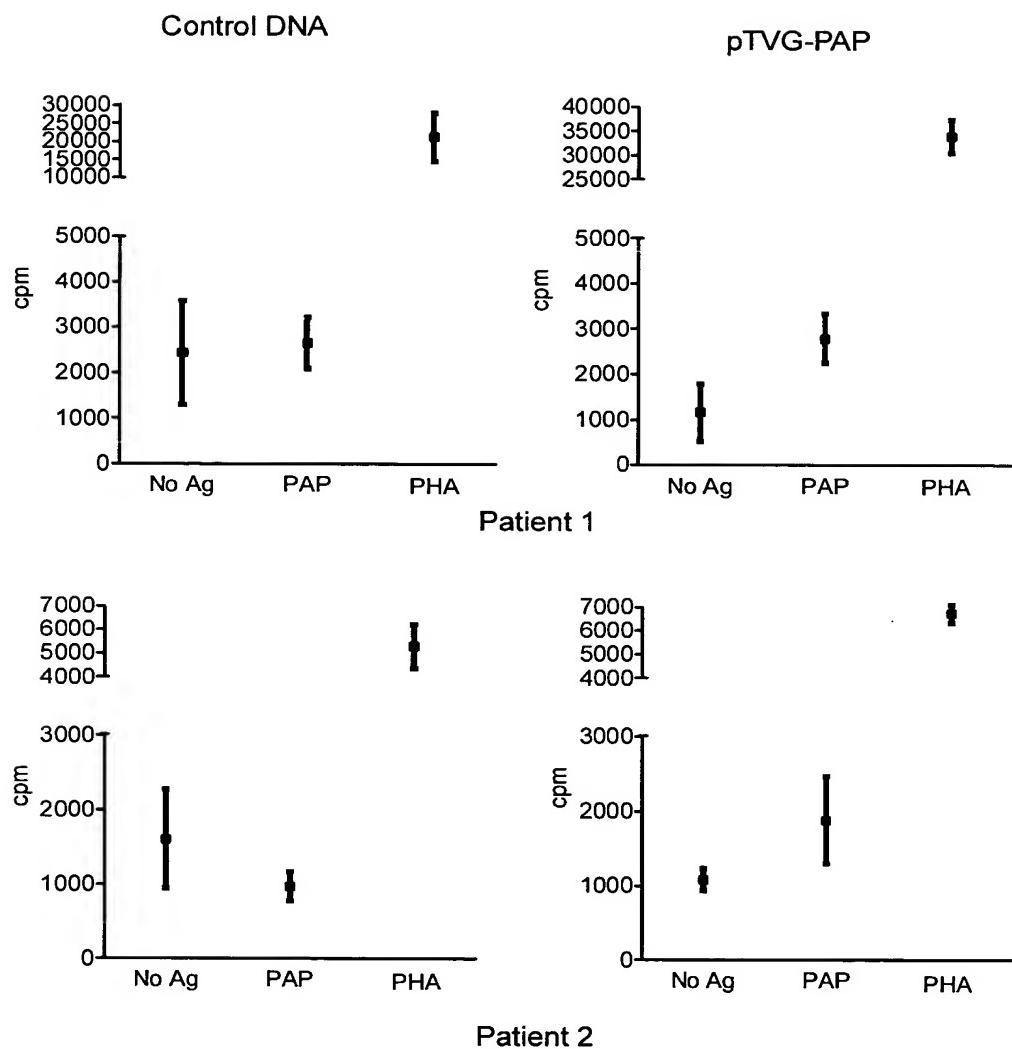


Figure 7

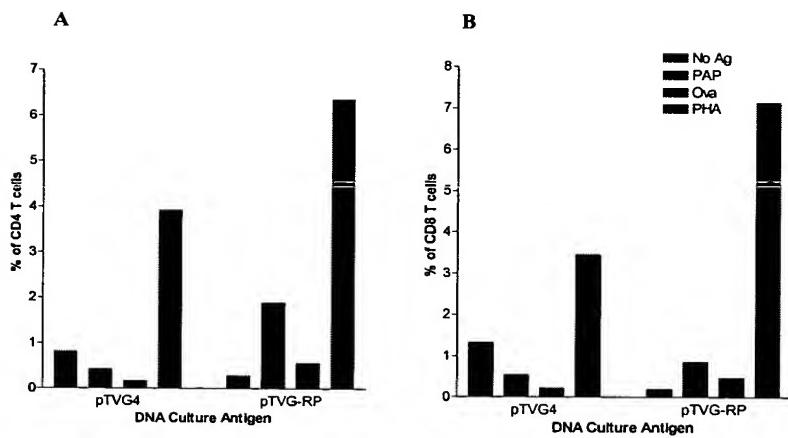


Figure 8

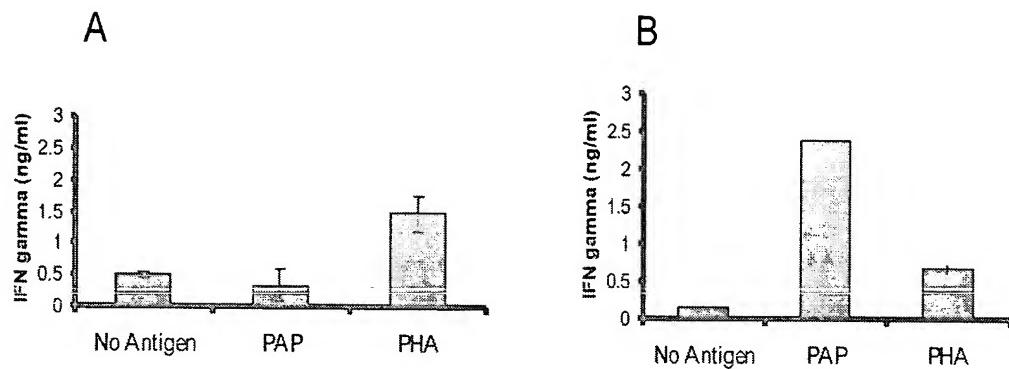


Figure 9A

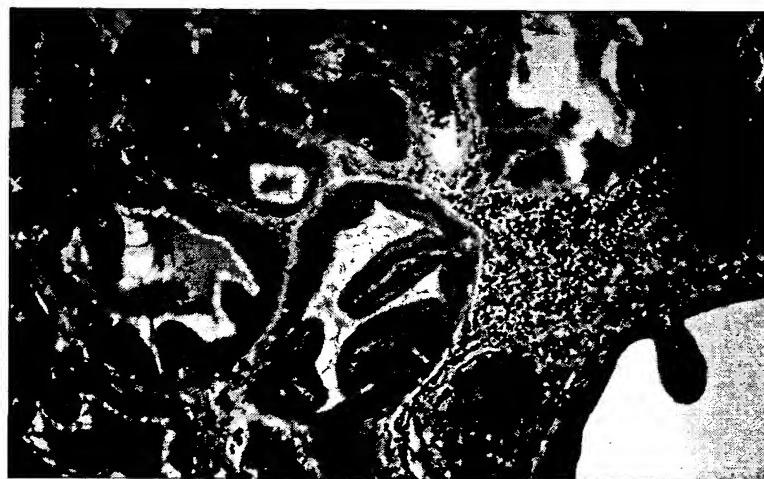


Figure 9B

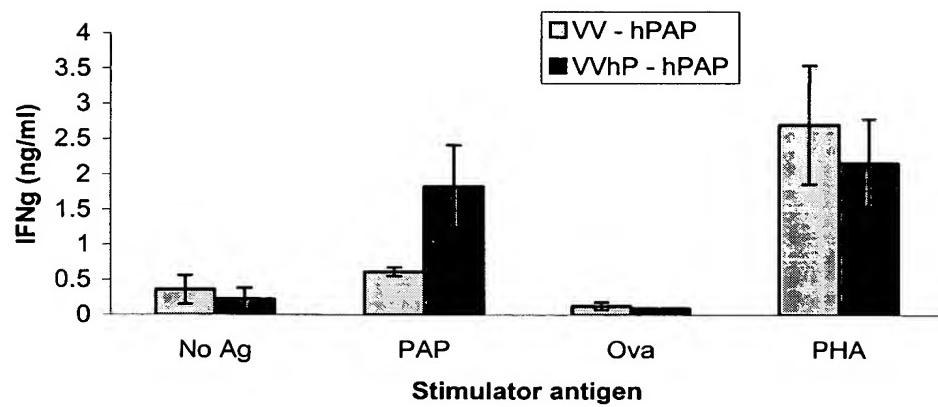


Figure 10

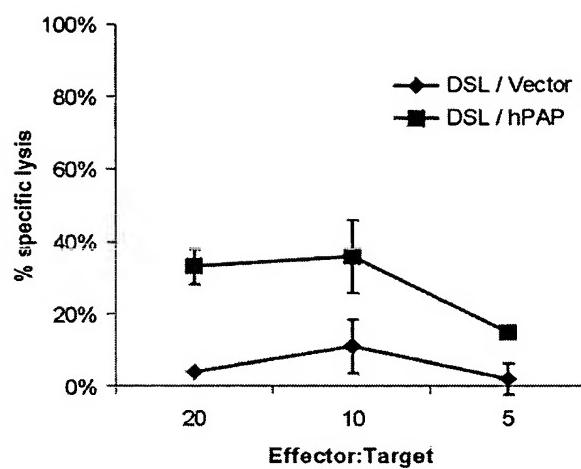


Figure 11

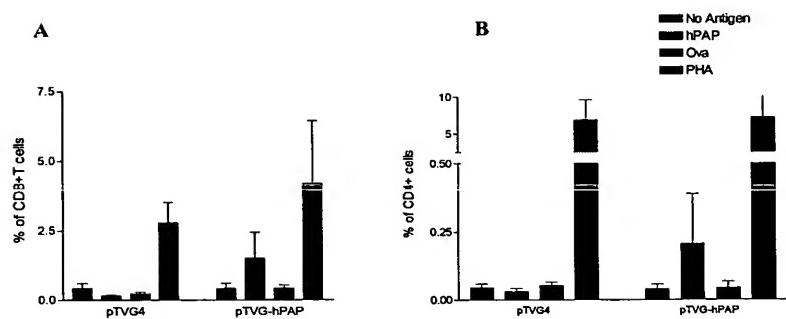
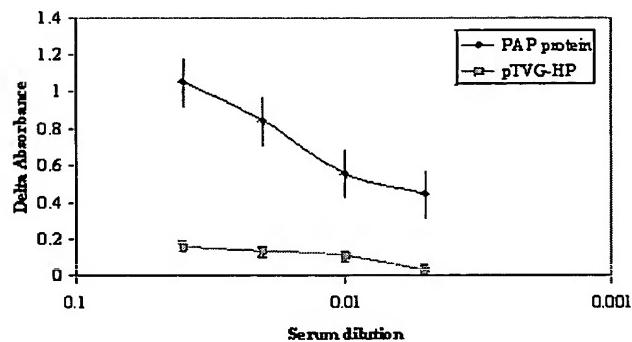
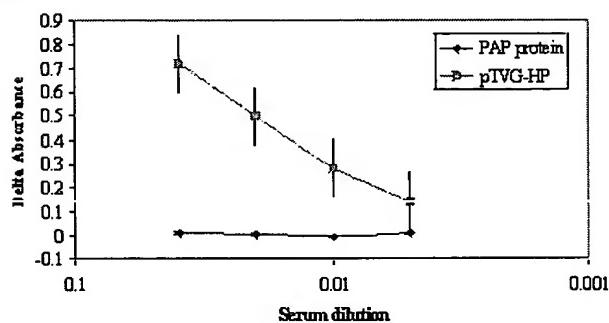
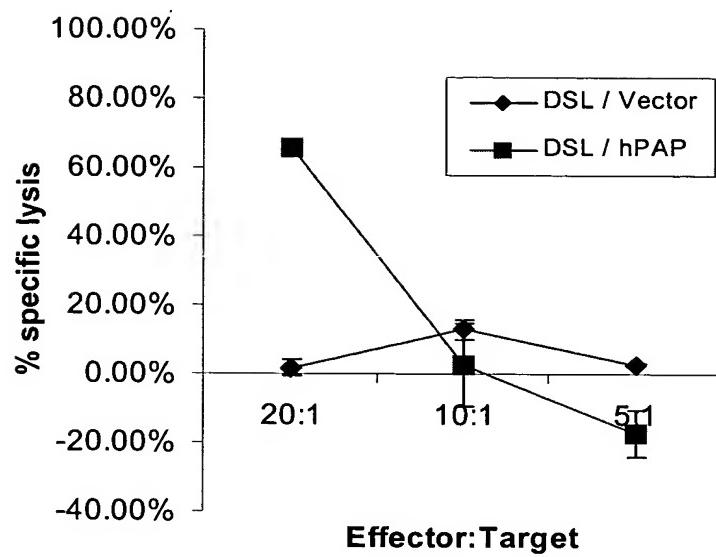


Figure 12

A**B****Figure 13**

**Figure 14**

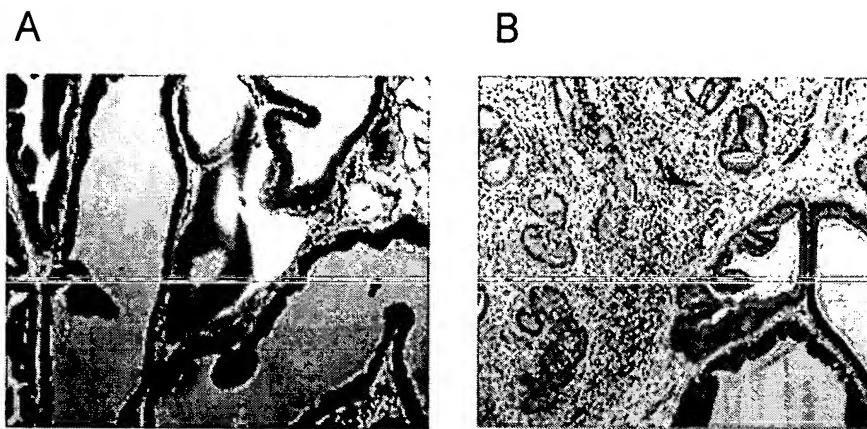


Figure 15

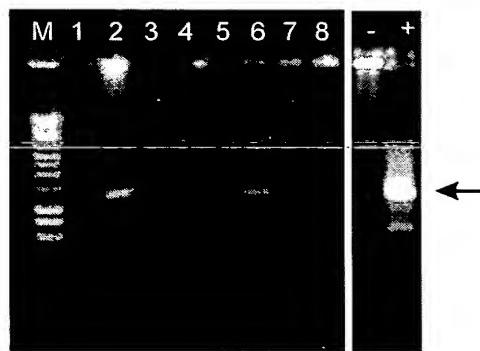


Figure 16

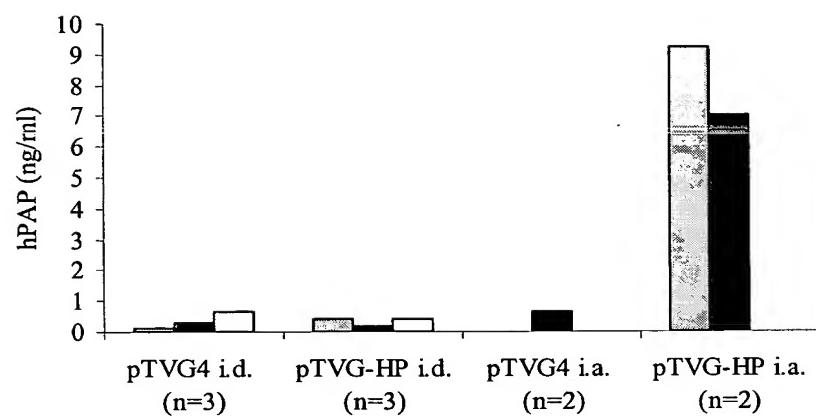
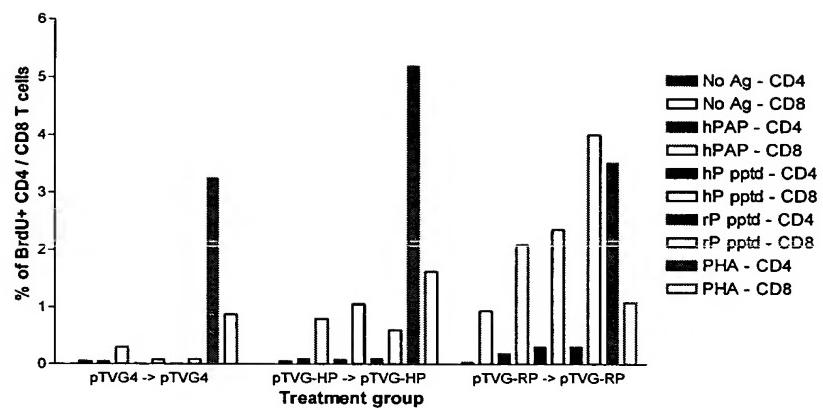


Figure 17

**Figure 18**

Comparison of Human, Rat, and Mouse
Prostatic Acid Phosphatase Amino Acid Sequences

1	MRAVPLPLSR TASLSLGFLL LLSLCLDPGQ .AKELKFVTL VFRHGDRGPI ETFPTDPITE : : : :
1	MRAAPLLAR AASLSLGFLF LLFFWLDRSV LAKELKFTVL VFRHGDRSPI DTFTPDTPIKE : : : : : :
1	MRAVPLHLVG TASLTLGFLL LLSLRLDPGQ .AKELKFVTL VFRHGDRGPI ETFPNPDIKE
60	SSWPQGFGQL TQWGMEQHYE LGSYIRKRYG RFLNDTYKHD QIYIRSTDVD RTLMSAMTNL : : : :
61	SSWPQGFGQL TQLGMEQHYE LGHEYIRKRYR KFLNESYKHE QVYIRSTDVD RTLMSAMTNL : : :
60	SSWPQGFGQL TKWGMGQHYE LGSYIRRYYG RFLNNNSYKHD QVYIRSTDVD RTLMSAMTNL
120	AALFPPEGIS IWNPRLLWQP IPVHTVSLSE DRLLYLPFRD CPRFEELKSE TLESEEFLKR :
121	AALFPPEGVS IWNPILLWQP IPVHTVPLSE DQLLYLPFRN CPRFQELESE TLKSEEFQKR :
120	AALFPPEGIS IWNPRLLWQP IPVHTVSLSE DRLLYLPFRD CPRFQELKSE TLKSEEFLKR
180	LHPYKSFLDT LSSLSGFDDQ DLFGIWSKVVY DPLFCESVHN FTLPFWATED AMIKLKELSE :
181	LHPYKDFIAT LGKLSGLHQQ DLFGIWSKVVY DPLYCESVHN FTLPFWATED TMTKLRELSE :
180	LQPYKSFDIT LPSLSGFEDQ DLFEIWSRLY DPLYCESVHN FTFRFWATED AMTKLKELSE
240	LSLLSLYGIH KQKEKSRLQG GVLVNEILKN MKLATQPQKY KKLVMSAHD TTVSGLQMAL
241	LSLLSLYGIH KQKEKSRLQG GVLVNEILNH MKRATQIPSY KKLIIMYSAHD TTVSGLQMAL
240	LSLLSLYGIH KQKEKSRLQG GVLVNEILKN MKLATQPQKA RKLIIMYSAYD TTVSGLQMAL
300	DVYNGVLPPY ASCHMMELYH DKGGHFVEMY YRNETQNEPY PLTLPGCTHS CPLEKFAELL :
301	DVYNGLLPPY ASCHLTELHYF EKGEYFVEMY YRNETQHEPY PLMLPGCSPS CPLERFAELV :: :
300	ELYNGLLPPY ASCHIMELYQ DNGGTTFVEMY YRNETQNEPY PLTLPGCTHS CPLEKFAELL
360	DPVISQDWAT ECMATSSHQG RN (mouse) 81.6% identical 361 GPVIPQDWST ECMTTNSHQG TEDSTD (human) 87.9% homologous
360	DPVIPQDWAT ECMGTSNHQA SL (rat) 79.8% identical 87.4% homologous

Figure 19

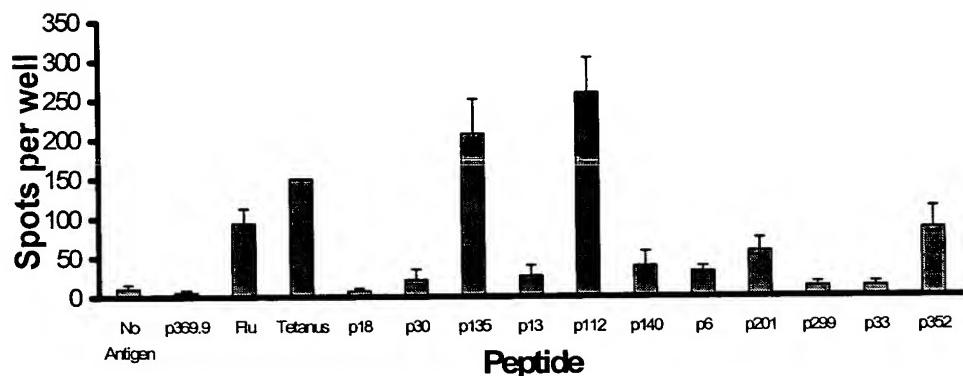


Figure 20

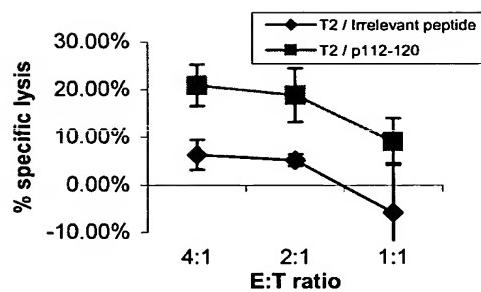


Figure 21

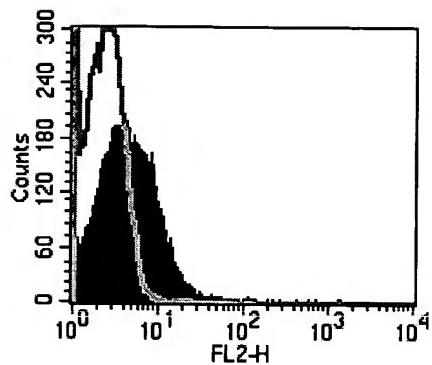


Figure 22